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TITLE: GAS TURBINE UTILIZING CATALYST
COMBUSTOR
PUBN-DATE: April 19, 1994

INVENTOR-INFORMATION:
NAME
NAGAE, MASAHIRO

ASSIGNEE-INFORMATION:
NAME COUNTRY
TOYOTA MOTOR CORP N/A

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ABSTRACT:

PURPOSE: To provide a gas turbine, for which a catalyst combustor for shortening the time required for warming a catalyst therein, is used.

CONSTITUTION: At the time of starting a gas turbine, a circulation shut-off valve RV provided on a circulation channel RP is 'opened', and an exhaust shut-off valve EV provided on an exhaust channel EP is 'closed'. The combustion gas generated in a combustor CC is circulated into the intake port

of a compressor CP through the circulation channel, and is fed to the catalyst combustor again in a compressed form, and the catalyst in the catalyst combustor can thus be warmed up promptly.

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